

10649443\_CLS.txt  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10649443 on June 13, 2006

Original Classifications

5 343/895  
4 343/702  
3 343/713  
2 330/126  
2 342/357.1  
2 343/703  
2 343/715  
2 370/480  
2 455/80

Cross-Reference Classifications

7 343/702  
4 343/715  
4 455/277.1  
3 343/906  
3 455/575.7  
2 330/124R  
2 330/295  
2 330/306  
2 342/357.06  
2 342/357.13  
2 343/767  
2 343/770  
2 343/846  
2 343/901  
2 375/347  
2 455/129  
2 455/133  
2 455/277.2  
2 701/213

Combined Classifications

11 343/702  
6 343/715  
6 343/895  
4 343/713  
4 455/277.1  
4 455/575.7  
3 343/703  
3 343/906  
2 330/124R  
2 330/126  
2 330/295  
2 330/306  
2 342/357.06  
2 342/357.1  
2 342/357.13  
2 343/767  
2 343/770  
2 343/846  
2 343/866  
2 343/901  
2 370/480  
2 375/347  
2 455/129  
2 455/133  
2 455/135  
2 455/277.2

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2 455/80  
2 701/213

Titles of Most Frequently Occurring Classifications of Patents Returned  
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- 11 343/702 (4 OR, 7 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/702 .With radio cabinet
- 6 343/715 (2 OR, 4 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/711 .With vehicle  
343/713 ..Supported by vehicle body  
343/715 ...Rod type
- 6 343/895 (5 OR, 1 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/895 .Spiral or helical type
- 4 343/713 (3 OR, 1 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/711 .With vehicle  
343/713 ..Supported by vehicle body
- 4 455/277.1 (0 OR, 4 XR)  
Class 455 : TELECOMMUNICATIONS  
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER  
455/269 .With wave collector (e.g., antenna)  
455/272 ..Plural separate collectors  
455/277.1 ...Selectively or alternately connected to  
receiver
- 4 455/575.7 (1 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
TRANSCIVER)  
455/550.1 .Radiotelephone equipment detail  
455/575.1 ..Housing or support  
455/575.7 ...Having specific antenna arrangement
- 3 343/703 (2 OR, 1 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/703 .Measuring signal energy
- 3 343/906 (0 OR, 3 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/904 .Combined  
343/906 ..With electrical connector
- 2 330/124R (0 OR, 2 XR)  
Class 330 : AMPLIFIERS  
330/124R WITH PLURAL AMPLIFIER CHANNELS (E.G., PARALLEL  
AMPLIFIER CHANNELS)
- 2 330/126 (2 OR, 0 XR)  
Class 330 : AMPLIFIERS  
330/124R WITH PLURAL AMPLIFIER CHANNELS (E.G., PARALLEL

## AMPLIFIER CHANNELS)

- 330/126 .Amplifying different frequencies in different channels
- 2 330/295 (0 OR, 2 XR)  
 Class 330 : AMPLIFIERS  
 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G., TRANSISTOR)  
 330/295 .Including plural amplifier channels
- 2 330/306 (0 OR, 2 XR)  
 Class 330 : AMPLIFIERS  
 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G., TRANSISTOR)  
 330/302 .Including frequency-responsive means in the signal transmission path  
 330/306 ..And bandpass, broadband (e.g., wideband) or sidepass means
- 2 342/357.06 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite  
 342/357.01 ..With position indicating  
 342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)
- 2 342/357.1 (2 OR, 0 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite  
 342/357.01 ..With position indicating  
 342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)  
 342/357.1 ....Combined with telecommunication
- 2 342/357.13 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite  
 342/357.01 ..With position indicating  
 342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)  
 342/357.13 ....With storage device (i.e., map or database)
- 2 343/767 (0 OR, 2 XR)  
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
 343/700R ANTENNAS  
 343/767 .Slot type
- 2 343/770 (0 OR, 2 XR)  
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
 343/700R ANTENNAS  
 343/767 .Slot type  
 343/770 ..Plural
- 2 343/846 (0 OR, 2 XR)  
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
 343/700R ANTENNAS

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343/846 .with grounding structure (including counterpoises)

2 343/866 (1 OR, 1 XR)  
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
 343/700R ANTENNAS  
 343/866 .Loop type

2 343/901 (0 OR, 2 XR)  
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
 343/700R ANTENNAS  
 343/900 .Rod type  
 343/901 ..Telescoping

2 370/480 (2 OR, 0 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/473 ..Transmission of a single message having multiple packets  
 370/480 .Combining or distributing information via frequency channels

2 375/347 (0 OR, 2 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/316 RECEIVERS  
 375/346 .Interference or noise reduction  
 375/347 ..Diversity (frequency or time)

2 455/129 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/91 TRANSMITTER  
 455/129 .with coupled antenna

2 455/133 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER  
 455/132 .Plural receivers  
 455/133 ..with output selecting

2 455/135 (1 OR, 1 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER  
 455/132 .Plural receivers  
 455/133 ..with output selecting  
 455/135 ...By signal quality (e.g., signal to noise ratio)

2 455/277.2 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER  
 455/269 .with wave collector (e.g., antenna)  
 455/272 ..Plural separate collectors  
 455/277.1 ...selectively or alternately connected to receiver  
 455/277.2 ....By signal quality (e.g., noise)

2 455/80 (2 OR, 0 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G., TRANSCEIVER)  
 455/78 .with transmitter-receiver switching or

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interaction prevention

455/79

..Automatic (e.g., voice operated)

455/80

...with distributed parameter coupling

2 701/213 (0 OR, 2 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION

701/200 NAVIGATION

701/207 .Employing position determining equipment

701/213 ..Using Global Positioning System (GPS)

PLUS Search Results for S/N 10649443, Searched June 13, 2006

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